

Amendments to the Specification

(1) Replace the paragraph at page 8, lines 11-13 with the following paragraph:

Fig. 16 shows a comparison of the colloidal stability of CK30P10K and CK45P10K DNA complexes in 0.9% NaCl compacted using various counterions ~~in 0.9% NaCl~~. Colloidal stability is evaluated by sedimentation and turbidity parameter. The asterisk indicates that the value is lower than expected due to very low light scattering by this DNA formulation indicating that plasmid is not compacted, in agreement with electron microscopy and gel electrophoresis data.

(2) Replace the paragraph at page 8, lines 16-20 with the following paragraph:

Fig. 18 shows an agarose gel electrophoresis of DNA compacted by PEG-ylated polylysine (CK30P10K) with various counterions. The influence of counterions on the effective net charge of the condensed DNA can be seen by the migration of the compacted DNA through the gel. Fig. 18 also shows the serum stability of the CK30P10K-DNA complexes with each of the different counterions. The lanes of the gel were loaded as follows: lane 1, DNA size markers; lane 2, naked DNA before compaction; lanes 3, 6, 9 and 12, compacted DNA; lanes 4, 7, 10 and 13, compacted DNA that was incubated in 75% mouse serum at 37°C for 2 hours and trypsinized before loading; lanes 5, 8, 11 and 14, compacted DNA that was only trypsinized before loading.

Amendments to the Figures

The attached drawing sheets include changes to Figures 16, 17, 18, 19, and 20. Each figure was originally filed on a separate drawing sheet and is to be replaced with a new separate drawing sheet. Please replace the drawing sheet for each of Figures 16, 17, 18, 19, and 20 with the attached drawing sheets.

Attachment sheets: Figure 16
Figure 17
Figure 18
Figure 19
Figure 20